

Title (en)
MEASURING LINE PERFORMANCE

Title (de)
LINIENLEISTUNGMESSVERFAHREN

Title (fr)
MESURE DE PERFORMANCE DE LIGNE

Publication
EP 2266300 A1 20101229 (EN)

Application
EP 09728949 A 20090218

Priority

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- EP 08251221 A 20080331
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Abstract (en)

[origin: EP2107772A1] A method of measuring the performance of a DSL line is proposed, providing an indication of potential faults in the line. Analysis of broadband DSL is less straightforward than for other technologies, since 'normal' behaviour depends on a number of factors, including line length and line quality, where normal behaviour for a long line could be regarded as poor for a short line. The data transmission characteristics of a DSL line under test are measured with reference to its upstream line attenuation, then the results are compared with the model for the corresponding data transmission characteristic. A performance measure is calculated for each characteristic indicative of the difference between the measured characteristic and the observed "average" for other lines having the same upstream line attenuation. A final line performance indicator is calculated based on the combination of all the individual performance measures, which provides a quantitative measure of a line's performance.

IPC 8 full level
H04M 3/30 (2006.01); **H04B 3/46** (2015.01)

CPC (source: EP US)
H04B 3/46 (2013.01 - EP US); **H04M 3/306** (2013.01 - EP US)

Citation (search report)
See references of WO 2009122121A1

Cited by
US11641219B2

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Designated extension state (EPC)
AL BA RS

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